

8100018

THE UNITED SHAMES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Cebeco - Handelsrand

Wilherens, there has been presented to the

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, therefore, this certificate of plant variety protection is to grant unto the said applicant(s) and the successors, heirs or assigns of the said applicant(s) for the term of eighteen years from the date of this grant, subject to the payment of the required fees and periodic replenishment of viable basic seed of the variety in a public repository as provided by LAW, the right to exclude others from selling the variety, or offering it for sale, or reproducing it, apporting it, or exporting it, or using it in producing a hybrid or different y therefrom, to the extent provided by the Plant Variety Protection Act 1542, As amended, 7 u.s.c. 2321 et seq.)

PERENNIAL RYEGRASS

'Elka'

In Testimony Whercot, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington this 18th day of February in

this 18th day of February in the year of our Lord one thousand nine hundred and eighty-two.

Commissioner

Plant Variety Protection Office

Grain Division

Agricultural Marketing Service

In R Block Secretary of Agriculture

	UNITED STATES DEPARTME AGRICULTURAL MARK LIVESTOCK, POULTRY, GRA	CETING SERVICE			FORM AP	· · · · - · - -
	PLICATION FOR PLANT VARIE		CERTIFICATE	No certificate for place be issued unless a contact has been received (5)	ompleted applica	ction may tion form
1a.	TEMPORARY DESIGNATION OF VARIETY	1b. VARIETY NAME		FOR OFFIC	AL USE ONLY	······································
	VARIETT	ELKA		PV NUMBER	100018	
2.	KIND NAME	3. GENUS AND SPEC	IES NAME	FILING DATE	TIME	A.M.
	perennial ryegrass	Lolium p	erenne	11/13/80 FEE RECEIVED	12:00 DATE	P.M.
4.	FAMILY NAME (BOTANICAL)	5. DATE OF DETER	MINATION	s 500.00	11/13/	
	Gramineae	july 19	76	\$ 250.00	12/18/81	
6.	NAME OF APPLICANT(S)	I Codol	and No. or R.F.D. No.,	City, State, and ZIP	8. TELEPHON	
C	ebeco-Handelsraad	Blaal	к эт box 182		010-14	
				. The Netherl		2211
9.	corporation (coor	ERSON, FORM OF ip, association, etc.) ULTURAL PERATIVE	10. IF INCORPORATE DATE OF INCORI	ED, GIVE STATE AND PORATION E NETHERLANDS	11. DATE OF PORATION	N 1899 8430 11/21
12,	NAME AND MAILING ADDRESS OF APP ALL PAPERS: Internati	LICANT REPRESENTA onal Seeds, Inc	TIVE(S), IF ANY, TO S	BERVE IN THIS APPLIC	CATION AND R	CEIVE
	P.O. box					
	Halsey, O		Dr. G.W. Pepi	n .		
13.	CHECK BOX BELOW FOR EACH ATTACH	MENT SUBMITTED:				
	X 13A. Exhibit A, Origin and Bree	eding History of the V	ariety (See Section 5	2 of the Plant Variet	y Protection A	ct.)
	X 13B. Exhibit B, Novelty Statem	ent.		and the second second		
	13C. Exhibit C, Objective Descr	iption of the Variety	(Request form from	Plant Variety Protect	ion Office.)	
	13D. Exhibit D, Additional Desc		the second secon			
14a,	DOES THE APPLICANT(S) SPECIFY THAT SEED? (See Section 83(a). (If "Yes," answer			RIETY NAME ONLY AS NO	A CLASS OF C	ERTIFIED
14b.	DOES THE APPLICANT(S) SPECIFY THAT LIMITED AS TO NUMBER OF GENERATI	T THIS VARIETY BE ONS?	14c. IF "YES," TO 14 TION BEYOND B	B, HOW MANY GENER REEDER SEED?	ATIONS OF PRO	DDUC-
····	YES NO		FOUNDATION	REGISTERED	CERTIFIE	D
15a.	Western	therlands - 2 n-Germany - 1	6-9-1977	NTRIES? X YES	NO (If "Y	Tes," give
15b.	HAVE RIGHTS BEEN GRANTED THIS VA and dates.)	RIETY IN OTHER COL	INTRIES? YES	NO (If "Yes,"	give name of cou	ıntries
7				e et e s		
16.	DOES THE APPLICANT(S) AGREE TO THE JOURNAL?	E PUBLICATION OF HI	S/HER (THEIR) NAME	E(S) AND ADDRESS IN	THE OFFICIAL	-
17.	The applicant(s) declare(s) that a viable replenished upon request in accordance	e sample of basic seed with such regulation	of this variety will b s as may be applicabl	e furnished with the a	application and	will be
	The undersigned applicant(s) is (are) the variety is distinct, uniform, and stable at 42 of the Plant Variety Act.	e owner(s) of this sex as required in Section	ually reproduced no 41, and is entitled to	vel plant variety, and protection under th	believe(s) that e provisions of	the Section
	Applicant(s) is (are) informed that false	e representation herei		ection and result in p		
_	2-10-1980			ing voor land- en tuit	•	
	(DATE))
		Carlotte Carlotte	CEBE	co-Handel	SRAAD	
		and the substitute of the	CEBE	CO-HANDEL	SRAAD	

INSTRUCTIONS

GENERAL: Send an original copy of the application and exhibits, at least 2,500 viable seeds, and \$500 fee (\$250 filing fee and \$250 examination fee) to U.S. Dept. of Agriculture, Agricultural Marketing Service, Livestock, Poultry, Grain and Seed Division, Plant Variety Protection Office, National Agricultural Library Building, Beltsville, Maryland 20705. (See section 180.175 of the Regulations and Rules of Practice.) Retain one copy for your files. All items on the face of the form are self-explanatory unless noted below.

ITEM

- Give the date the applicant determined that he had a new variety based on (1) the definition in section 41(a) of the Act and (2) the date a decision was made to increase the seed.
- Give: (1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method; (2) the details of subsequent stages of selection and multiplication; (3) the type and strequency of variants during reproduction and multiplication and state how these variants may be identified and (4) evidence of uniformity and stability.
- Give a summary statement of the variety's novelty. Clearly state how this novel variety may be distinguished from all other varieties in the same crop. If the new variety most closely resembles one or a group of related varieties:

 (1) identify these varieties and state all differences

(1) identify these varieties and state all differences objectively; (2) attach statistical data for characters expressed numerically and demonstrate that these difference

expressed numerically and demonstrate that these differences are significant; and (3) submit, if helpful, seed and plant specimens or photographs of seed and plant comparisons

x clearly indicating novelty.

- Fill in the Exhibit C. Objective Description form, for all characteristics for which you have adequate data.
- Describe any additional characteristics that are not codescribed, or whose description cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the description of characteristics that are difficult too deserbe, such Masher Janga plant habit, plant color, disease resistance, etc.
 - If "YES" is specified (seed of this variety be sold by variety name only as a class of certified seed) the cramiapplicant may NOT reverse his affirmative decision after the variety has either been sold and so labeled, his decision published, or the certificate has been issued.

 because However, If the applicant specified NO," he may change his choice. (See section 180.16 of the Regulations and Rules of Practice.)
 - See section 42 of the Plant Variety Protection Act and section 180.7 of the Regulations and Rules of Practice.

Exhibit "A"

13 A Origin and breeding history of the variety

A large number of planting material, collected in the Netherlands, was tested at our Breeding Station at Lelystad for persistency and good tillering capacity, when mown short.

Plants of one origin which had relatively well stood this treatment were cloned; part of the clones was planted for seed production and part for vegetative maintenance.

Of each clone the seed was harvested separately and sown in turf grass trials on two different soil types (clay and dry sandy soil). After having ascertained which clones made the best total impression in these trials (1975/1976), seed of these clones was once again harvested for the production of breeder's stock seed and pre-basic seed (see scheme). In the Netherlands an application for Plant Breeders' Rights was made on the 30th September 1977.

<u>Maintenance - Multiplication</u>

The basic-clones of Elka are maintained vegetatively.

Multiplication scheme

- 1) clone-seed is grown at the Breeding Station.
- 2) breeder's stock seed is also grown at the Breeding Station.
- 3) pre-basic seed is grown and field inspected at the Breeding Station and/or at farms of contract growers.
- 4) basic seed is grown and field inspected at farms of contract growers.
- 5) certified seed is grown and field inspected at farms of contract growers.

Of all multiplications (except clone seed) samples are compared with a standard sample by N.A.K. (Government seed control department).

CEBECO-HANDELSRAAD

ENCLOSURE 1

ADDITION TO EXHIBIT A

Elka has been selected out of wild gathered material and is definitely not originating from a public or commercial variety.

Out of 20 clones the plant breeder selected those 5 clones that were suiting each other best.

These 5 clones (numbered 1 up to and including 5) were set out next to each other and left off flowering collectively. The seeds of these 5 clones were harvested separately and thereafter sowed in two turf grass trials (one on clay soil and one on sandy soil).

On the basis of the results of these trial fields the three best clones were selected and used as the base of the new variety Elka. So Elka was based on 3 clones. From these three clones, numbered 1, 2 and 3, the breeders stock seed is produced.

We declare that Elka is a uniform and stable variety.

Rotterdam, 22nd September 1981

vereniging voor land- en tuinbouw b.a.

CEBECO-HANDELSRAAD



APPLIC. NO. 8100018 "ELKA"

RYEGRASS

Plant Variety Protection Application for Elka Perennial Ryegrass

Addendum to Exhibit A:

We herewith declare that Elka is a stable and uniform variety.

No variants have been observed during the seed increase of Elka
to date.

Rotterdem, 17th November 1981

CEBECO-HANDELERAAD

RYEGRASS 8/00018 ELKA REVISED 007. 1981

*EXHIBIT ''B'' 13B Novelty Statement

Elka is a unique variety that is easily distinguishable from all other ryegrass cultivars. Statistical comparison of Elka and 14 other cultivars are summarized in tables 1 to 7.

Elka most closely resembles Manhattan, which is a well-known and widely used cultivar. Elka is clearly distinguished from Manhattan and all other cultivars by the combination of characteristics summarized in tables 1 to 7.

Elka differs significantly from Manhattan in the following characteristics:

- 1. Elka is significantly later in maturity (9 days) than Manhattan.
- 2. Elka is significantly shorter in mature plant height than Manhattan.
- 3. Elka has a significantly shorter spike length than Manhattan.
- 4. Elka has a significantly finer flag leaf width than Manhattan.
- 5. Elka has a significantly shorter glume length than Manhattan.
- 6. Elka has a significantly more prostrate growth habit than Manhattan.
- * NOTE TO EXHIBIT 13B, NOVELTY STATEMENT.

Data used in the novelty statement was collected in 1980 and 1981 at Tangent, Oregon from spaced plants set out in fall 1979.

Data used in the Objective Description (Exhibit C) was collected in Holland in 1979 and 1980. Although both sets of data show Elka to be distinct from all other cultivars, specific measurements such as plant height, etc. differ slightly.

If necessary, changes can be made in exhibits ${\tt B}$ and ${\tt C}$ to eliminate differences and the apparent contradiction caused by using both the Dutch and American data.

FORM GR-470-36 (9-76) 5 6 6

U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE GRAIN DIVISION HYATTSVILLE, MARYLAND 20782 OBJECTIVE DESCRIPTION OF CULTIVARS RYEGRASS

(<u>Lolium spp.</u>)

NAME OF APPLICANT(S)	VARIETY NAME OR TEMPORARY DESIGNATION
Cebeco-Handelsraad	
ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code)	FOR OFFICIAL USE ONLY
Blaak 31	PVPO NUMBER
P.O.B. 182 - 3000 AD Retterdam, Helland.	8100018
Place the appropriate number that describes the varietal character of this variety in the boxes below number if either 99 or less or 9 or less. Descriptions of characters should represent those that are to data should be for SPACED PLANTS. Give additional description for all characteristics that cannot petrinent comparative trial and evaluation data.	w. Place a zero in first box (e.g. 0 8 9 or 0 9) when
1. SPECIES:	
1 = L MULTIFLORUM (annual or Italian: includes Westerwoldicum) 2 = L. PERENI 4 = HYBRID (of species) 5 = OTHER (Species)	•
2. PLOIDY:	
1 = DIPLOID 2 = TETRAPLOID 3 = OTHER (S)	pecify)
3. DURATION: 3. 1 = ANNUAL OR BIENNIAL 2 = SHORT LIVED PERENNIAL (3-4 years)	3 = PERENNIAL (more than 4 years)
1 = GULF 2 = WIMMERA 62 3 = LINN	4 = PELO
5 = NORLEA 6 = ABERYSTWYTH S-23 7 = MANHATT 4. MATURITY (50% HEADED) Use standards from above for comparison:	AN 8 = PENNFINE
7 1 = VERY EARLY 3 = EARLY 5 = MEDIUM 7 = LATE DAYS EARLIER THAN.	STANDARD CULTIVAR
9 = VERY LATE 0 9 DAYS LATER THAN	
5. MATURE PLANT HEIGHT (Use standard cultivars from above) : 4 0 0	
0 6 9 CM. HIGH 0 1 2 CM. SHORTER THAN	standard cultivar
CM. TALLER THAN STANDARD CULTIVAR	
	standard cultivars from above for comparison:
0 0 5 PERCENT DAMAGE OF APPLICATION CULTIVAR	erenario de la proposición dela proposición de la proposición dela proposición de la proposición de la proposición de la proposición dela proposición de la proposición de la proposición dela proposición de la p
0 1 7 PERCENT DAMAGE OF 8 STANDARD CULTIVAR	
7, TURF DENSITY Use standard cultivars from above:	•
4 4 6 TILLERS PER 100 SQ. CM.	e Double of the Alberta
LESS TILLERS PER 100 SQ. CM. THAN STANDARD CULTIV	VAR
1 4 5 MORE TILLERS PER 100 SQ. CM. THAN 7 STANDARD CULTIV	VAR
8. FLAG LEAF (at full growth) Use standard cultivars from above:	2011年2月 11 12 12 13 14 15 15 16 16 16 16 16 16
	TH (at widest point)
0 0 2 CM. SHORTER THAN	I J I ROOT STAGE: O HOHIZONTAL
0 0 1 CM. LONGER THAN 8 STANDARD CULTIN	the contract of the contract o
0 0 1 MM. NARROWER THAN 7 STANDARD CULTIV	VAR
MM. WIDER THAN - STANDARD CULTIV	VAR

14. SEED:

1 2 9 0 MG. PER 1,000 SEED

CO-SENGETELEG

% PLANTS WITH PROSTRATE GROWTH HABIT

% PLANTS WITH UPRIGHT GROWTH HABIT

0 3 9 MM. TOTAL LENGTH OF 10 SEEDS

0 0

0 1 1 MM. TOTAL WIDTH

grand of the first state of the same

% PLANTS WITH FEUROESCENT ROOTS

15.	16. DISEASE (0 = NOT TESTED, 2 = HIGHLY SUSCEPTIBLE, 4 = MODERATELY SUSCEPTIBLE, 6 = MODERATELY RESISTANT, 8 = HIGHLY RESISTANT):						
8	CROWN RUST (Puccinia coronata) 0 DOL	LAR SPOT (Sclerotinia) BROWN PATCH (Rhizoctonia)				
6	LEAF SPOT (Hel	LEAF SPOT (Helminthosporium) 8 MILDEW 0 OTHER (Specify)					
4	SNOW MOLD (T	yphula) 4 RED	THREAD (Corticium)				
16.	Specify)	GHLY RESISTANT):	, 4 = MODERATELY SUSCEPTIBLE, 6 = MODERATELY RESISTANT,				
17.	COMPARISON IS	NCE VALUE IN LEFT COLUMN AND VA MADE (1 = LESS THAN, 2 = SAME AS EATER HEIGHT.):	ARIETY CODE NUMBER IN RIGHT COLUMN FOR VARIETY WITH WHICH 5, 3 = MORE ERECT, MORE RESISTANT, DENSER, MORE PERSISTENT,				
	RESEMBLANCE	CHARACTER	SIMILAR VARIETY				
	1	PLANT HABIT (erectness)	7 1 = GULF				
	3	TILLERING	7 2 = WIMMERA 62				
	2	WINTER HARDINESS	7 3 = LINN				
	_	HIGH TEMP. STRESS RESISTANCE	4 = PELO				
	2	TURF PERSISTENCE	7 5 = NORLEA				
	1	PLANT COLOR	7 6 = ABERYSTWYTH S-23				
	1	VERTICAL SEEDLING GROWTH RATE	7 = MANHATTAN				
	3	CROWN DENSITY	7 8 = PENNFINE				
	1	MOWER SHREDDING RESISTANCE	7				
18.	18. GIVE AREA OF ADAPTATION AND INTENDED USE: U.S.A. and Europe						
19.	GIVE AREA TEST	RESULTS PRESENTED FROM:					
	IMENTS:	7					
	19. Elka h	as been tested in the U.	S.A. by I.S.I., Halsey, Oregon Rutgers University, Dr Reed Funk. Purdue University, Dr Bill Daniel.				

In Europe official tests are taking place in the Netherlands, Germany, France, Belgium and Great-Britain.

TABLE 1
Heading Date of 15 Perennial Ryegrass Cultivars at Tangent, Oregon in 1980 & 1981

<u>Variety</u>	Heading Date	
	1980	1981
REGAL	May 2	May 4
LINN	April 28	May 1
YORKTOWN 2	May 23	May 24
CARAVELLE	May 19	May 19
FIESTA	May 10	May 11
ELKA	June 5	June 3
OMEGA	May 14	May 12
YORKTOWN	May 11	May 10
MANHATTAN	May 27	May 24
BARRY	May 28	May 26
CITATION	May 3	May 5
DERBY	May 7	May 8
BLAZER	May 19	May 20
JACKPOT	April 30	May 3
PENNFINE	May 3	May 5
LSD .05	3 Days	3 Days
Average of all Varieties	May 13	May 14

TABLE 2
Plant Height of 15 Perennial Ryegrass Cultivars at Tangent, Oregon in 1980 & 1981

Variety	Plant Height (cm)	
	1980	1981
REGAL	70	70
LINN	84	75
YORKTOWN 2	69	61
CARAVELLE	69	59
FIESTA	80	78
ELKA	5.6	51
OMEGA	75	70
YORKTOWN	71	63
MANHATTAN	89	69
BARRY	81	67
CITATION	70	75
DERBY	77	75
BLAZER	.76	64
JACKPOT	80	82
PENNFINE	77	78
LSD .05	7cm	6cm
Average of all Varieties	75	69.1

TABLE 3 Spike Length of 15 Perrennial Ryegrass Cultivars at Tangent, Oregon in 1980 ξ 1981

Variety	Spike Length (mm)	
	1980	1981
REGAL		160
LINN	266	197
YORKTOWN 2	230	185
CARAVELLE	197	162
FIESTA	244	199
ELKA	198	162
OMEGA	244	197
YORKTOWN	151	185
MANHATTAN	288	250
BARRY	245	204
CITATION	233	173
DERBY	246	185
BLAZER	254	201
JACKPOT	238	166
PENNFINE	251	197
LSD .05	18mm	15mm
Average of all Varieties	242	188

TABLE 4 Flag Length of 15 Perennial Ryegrass Cultivars at Tangent, Oregon in 1980 ξ 1981

Variety	Flag Leaf Length (mm)	
	1980	1981
REGAL	171	123
LINN	201	157
YORKTOWN 2	167	119
CARAVELLE	139	142
FIESTA	182	156
ELKA	143	142
OMEGA	186	145
YORKTOWN	194	140
MANHATTAN	207	144
BARRY	182	153
CITATION	178	136
DERBY	189	130
BLAZER	184	140
JACKPOT	177	128
PENNFINE	178	148
LSD .05	18mm	16mm
Average of all Varieties	191	140

TABLE 5
Flag Leaf Width of 15 Perennial Ryegrass Cultivars at Tangent, Oregon in 1980.

Variety	Flag Leaf Width	(mm)
ELKA	4.0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
JACKPOT	2.9	
CITATION	3.0	
REGAL	3.5	
PENNFINE	4.0	
DERBY	4.1	
FIESTA	4.2	
CARAVELLE	4.3	
YORKTOWN	4.6	
BLAZER	4.8	
OMEGA	4.9	
LINN	5.0	
YORKTOWN 2	5.2	,
MANITATAN	5.6	
BARRY	6.1	
LSD .05	0.3 mm	

Variety		Glume	Length	(mm)
ELKA			7.3	
CITATION			7.0	
REGAL			7.5.	
YORKTOWN 2	2		8.0	
FIESTA			8.3	
OMEGA			8.4	
CARAVELLE			8.5	
BLAZER			8.7	
DERBY			8.7	
JACKPOT			8.7	•
PENNFINE			8.8	
BARRY			8.9	
YORKTOWN			9.0	
LINN		. 1	0.0	
MANHATTAN		1	.0.1	
LSD .05			0.7 mm	

TABLE 7
Growth Habit of 15 Perennial Ryegrass Cultivars at Tangent, Oregon in 1980.

Variety	Growth Habit
	1 = Prostrate
	5 = Upright
ELKA	1.6
TA GVDOTI	
JACKPOT	2.4
MANHATTAN	2.9
BARRY	2.9
PENNFINE	3.0
BLAZER	3.1
CITATION	3.1
FIESTA	3.2
OMEGA	3.2
YORKTOWN 2	3.2
REGAL	3.3
CARAVELLE	3.3
YORKTOWN	3.3
DERBY	3.3
LINN	3.5
LSD .05	0.3

rvanonar agricultural ou operative victoreauc acquer

P.O. Box 182, 3000 AD Rotterdam, The Netherlands Telephone +31 10-4544911 Telex 21398 cbco nl Fax +31 10-4113889 Bank: Rabobank Nederland, Account number 30.00.00.065 Giro bank account Rabobank 5658 stating 30.00.00.065 Address: Blaak 31, 3011 GA Rotterdam

Registered No. 54.571 Rotterdam

BY AIRMAIL

U.S. Department of Agriculture Plant Variety Rights Office PGGI Building 001, room 335, Barc-West BELTSVILLE Maryland 20705

U.S.A.

Dept:

WVDK/tg

Direct dial number:

ROTTERDAM,

⁴⁵⁴⁴ 504

September 22, 1989

Dear Sir/Madam:

You may already know that the Plant Breeding and Seeds Departments of Cebeco-Handelsraad have integrated into the new company CEBECO ZADEN B.V.

Therefore we kindly request you to transfer all varieties, for which an application has been made or which have been entered in the name of Cebeco-Handelsraad, to the name of CEBECO ZADEN B.V.

For the sake of clarity we give you once more the full address:

CEBECO ZADEN B.V.

P.O. Box 182 3000 AD Rotterdam

the Netherlands.

Under this cover you will find a list in which we mention all varieties involved according to the latest data that we have. We shall be pleased to receive your confirmation of transfer at your earliest convenience. Any possible invoice for charges due can be sent to Cebeco Zaden BV.

Yours faithfully,

CEBECO-HANDELSRAAD

Transferrer

CEBECO ZADEN B.V.

Transferee

Rotterdam,

Rotterdam,

Nationale cooperatieve can en verkoopvereniging voor land en tuinbouw b.a.
CESSCO-HANDSISHAAD

CERECO ZADEN B.V.
Postoss 1821- 2000, AO, Rottetdam

Enclosure



Varieties of Cebeco Zaden B.V. in the USA

		with PVP		
species	variety	name	date of grant	no. grant
Red fescue	Center	Center	88-01-15	8700077
Spring barley	Bellona	Bellona	85-07-26	8300085
	Apex	Apex	85-07-26	8300084
	Efron	Efron	85-10-31	8500012
Perennial ryegrass	√Elka	Elka	82-02-18	8100018
White pea	Miranda	Miranda	82-10-28	8100054
	Belinda	Belinda	86-03-31	8500013
Blue pea	Ricardo	Ricardo	85-08-30	8500014
-	Maxi	Maxi	83-03-24	8000016
	Othello	Othello	86-03-31	8500015
	•	application	made	
Perennial ryegrass	EG 138	Surprise	88-12-19	8900062
Red fescue	Frc 137	Capitol		
· ·	CRU 499	Cindy	88-12-19	8900061
	Frr 130	Claudia		
Kentucky bluegrass	Pp 112	Ampellia		
White pea	1415	Impala	89-1-26	8900081
•	1416	Renata	89-04-04	8900145
Blue pea	Solara	Solara	88-01-29	8800056